

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2004/003058A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/10 C12N1/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 268 492 B1 (MITTELSTAEDT DENICE M ET AL) 31 July 2001 (2001-07-31) column 1, line 51 -column 2, line 19 column 3, line 58 -column 5, line 31; figure 1 ----	1-9, 15-33, 38,39
Y	WO 90/15148 A (UHLEN MATHIAS ;MOKS TOMAS (SE)) 13 December 1990 (1990-12-13) page 7, paragraph 5 -page 8, paragraph 5; figures 1,2 page 5, paragraphs 1-3 ----- -/-	1-9, 17-34

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document relating to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the international search

10 May 2004

Date of mailing of the international search report

01/06/2004

Name and mailing address of the ISA
European Patent Office, P.O. Box 5010 Patentplatz 2
NL - 2000 HW Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Weiland, S

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2004/003058

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/127704 A1 (ARAKAKI SAKAE ET AL) 12 September 2002 (2002-09-12) abstract page 3, left-hand column, paragraph 43 -right-hand column, paragraph 49; figures 1-3; example 1	1-9, 17-34
A	FERREIRA G N M ET AL: "DOWNSTREAM PROCESSING OF PLASMID DNA FOR GENE THERAPY AND DNA VACCINE APPLICATIONS" TRENDS IN BIOTECHNOLOGY, ELSEVIER PUBLICATIONS, CAMBRIDGE, GB, vol. 18, September 2000 (2000-09), pages 380-388, XP000972180 ISSN: 0167-7799 abstract page 381, left-hand column, paragraph 2 -page 382, right-hand column, paragraph 1; figure 2; table 2	1-39

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/EP2004/003058

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6268492	B1	31-07-2001	CA 2340153 A1 24-02-2000
			EP 1104458 A1 06-06-2001
			JP 2003527821 T 24-09-2003
			WO 0009680 A1 24-02-2000
WO 9015148	A	13-12-1990	WO 9015148 A1 13-12-1990
			DE 68918282 D1 20-10-1994
			EP 0432162 A1 19-06-1991
			JP 4505848 T 15-10-1992
US 2002127704	A1	12-09-2002	JP 2002262855 A 17-09-2002